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Date of Deposit October 29, 2003.

Our Case No.: 10322-63

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mark M. Clark and Robert L. Riley

Serial No.: pending

Filing Date: October 3, 2003

For: WATER PURIFICATION BY  
POLYMER COLLOIDS

Examiner: pending

Group Art Unit No.: 1712

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely

filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

This application is a divisional application of U.S. Serial No. 09/995,252, filed November 26, 2001 and is relied upon for an earlier filing dated under 35 U.S.C. § 120. In accordance with Rule 37 C.F.R. § 1.98(d) only copies of documents not previously cited and submitted to the Patent and Trademark Office in the prior application Serial No. 09/995,252 are enclosed for the convenience of the Examiner.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



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FORM PTO-1449	SERIAL NO. TBA	CASE NO. 10322-63
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE October 29, 2003	GROUP ART UNIT 1712
APPLICANT(S): Clark, M., et al.		

**REFERENCE DESIGNATION**      **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
A1	2,684,950	7/54	Rivers et al.		
A2	3,272,782	9/66	Lang	516/77	
A3	3,272,784	9/66	Lang	252/180	
A4	4,247,432	01/27/81	Huang et al.	260/29.2 N	7/79
A5	4,321,174	03/23/82	Hoy et al.	523/101	1/81
A6	4,451,424	05/29/84	Tweddle et al.	525/906	9/82
A7	4,569,989	02/11/86	Madison	252/180	12/84
A8	4,661,257	04/28/87	Kreevoy et al.	210/638	3/85
A9	4,990,248	02/05/91	Brown et al.	210/136	6/88
A10	5,041,335	08/20/91	Inai et al.	525/906	12/88
A11	5,418,203	05/23/95	Ichikawa et al.	502/402	6/93
A12	5,434,226	07/18/95	Nguyen et al.	525/906	1/94
A13	5,904,832	5/18/99	Clifford et al.	205/756	9/97
A14	5,969,082	10/19/99	Kuwahara et al.	528/171	12/96
A15	6,110,375	08/29/00	Bacchus et al.	210/652	1/94
A16	6,451,921	09/17/02	Weisse et al.	528/391	2/01

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES      NO

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A17	Berkland, C., et al., "Fabrication of PLG microspheres with precisely controlled and monodisperse size distributions," <i>Journal of Controlled Release</i> , vol. 73, pp. 59-74 (2001).
	A18	Fritzsche, A.K., et al., "The Effect of Free Volume on Enhanced Transport Rates of Polysulfone Hollow Fiber Membranes Spun from Lewis Acid: Base Solvent Complexes", <i>Journal of Membrane Science</i> , 46 (1989) pp. 135-155. Elsevier Science Publishers B.V., Amsterdam – Printed in The Netherlands.
	A19	Frost & Sullivan, "Activated Carbon: Sinking Market or Secure Opportunity?" at <a href="http://www.waternet.com/news.asp">http://www.waternet.com/news.asp</a>
	A20	Humic Acid, at <a href="http://www.greensmiths.com/humic.html">http://www.greensmiths.com/humic.html</a>
	A21	Murakami, H., et al., "Preparation of poly(DL-lactide-co-glycolide) nanoparticles by modified spontaneous emulsification solvent diffusion method," <i>International Journal of Pharmaceutics</i> , vol. 187, pp. 143-152 (1999).
EXAMINER	DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	SERIAL NO. To be assigned	CASE NO. 10322-63
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (use several sheets if necessary)	FILING DATE October 27, 2003	GROUP ART UNIT 1712
APPLICANT(S): Rick M. Clark et al.		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A22	Nick Kociuk, et al., "Water Purification and Desalination", <a href="http://shell.rmi.net/chill/chemistry/h2o/h2o.html">http://shell.rmi.net/chill/chemistry/h2o/h2o.html</a> , dated January 2, 2001, 5 pages.
	A23	Solvay Advanced Polymers, Radel® Udel® and Mindel® sulfone polymers pack a powerful punch, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> performance amorphous.htm, 2/4/02, 2p.
	A24	Solvay Advanced Polymers, Udel® P-1700, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A25	Solvay Advanced Polymers, Udel® GF-120, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A26	Solvay Advanced Polymers, Radel® A-200, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A27	Solvay Advanced Polymers, Radel® A-300, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A28	Solvay Advanced Polymers, Radel® AG-320, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A29	Solvay Advanced Polymers, Radel® AG-330, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A30	Solvay Advanced Polymers, Radel® R-5000, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A31	Solvay Advanced Polymers, Radel® R-5100 NT15, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A32	Solvay Advanced Polymers, Radel® R-5500, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A33	Solvay Advanced Polymers, Radel® R-5800 NT15, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A34	Solvay Advanced Polymers, Radel® R-7700 NT15, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A35	Solvay Advanced Polymers, Mindel® B-430, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A36	Solvay Advanced Polymers, Mindel® S-1000, at <a href="http://www.solvayadvancedpolymers-us.com/ep">http://www.solvayadvancedpolymers-us.com/ep</a> datasheet.asp, 2/4/02, 2p.
	A37	Product Information Sheet for x-100: TRITON X-100 tm, at <a href="http://www.sigma.sial.com/sigma/proddata/t6878.html">http://www.sigma.sial.com/sigma/proddata/t6878.html</a> , 2/4/02, 3p.
	A38	Product Information Sheet for TRITON DETERGENTS: OCTYLPHENOL SERIES, at <a href="http://www.sigma.sial.com/sigma/proddata/t6878x.htm">http://www.sigma.sial.com/sigma/proddata/t6878x.htm</a> , 2/4/02, 1p.
	A39	Von Wandruszka, R., Final Report: The Secondary of Humic Acid and Its Environmental Implications, at <a href="http://es.epa.gov/ncerqa/final/vonwandruszka.html">http://es.epa.gov/ncerqa/final/vonwandruszka.html</a> , 2/4/02, 5p.

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